

**Amendments to the Specification:**

Please add the following new paragraph after the title and before the first paragraph of page 1:

**CROSS-REFERENCE TO RELATED APPLICATIONS**

This application is a divisional application of U.S. Application Serial No. 10/020,477, filed December 12, 2001, now U.S. Patent No. 6,642,888.

Please replace line 17, page 10 with the following:

$$\cancel{b(\theta) = Q_M^H a(\theta)} \quad \underline{b(\theta) = Q_M^H a(\theta)} \quad \text{Equation 12}$$

Please replace line 1, page 29 with the following:

$$\begin{aligned} \cancel{F2(\pm \theta_l) = \left\| L^H b(\pm \theta_l) \right\|^2} & \quad \underline{F2(\pm \theta_l) = \left\| L^H b(\pm \theta_l) \right\|^2} \\ \cancel{\left\| L^H b_{\text{even}}(\theta_l) \pm L^H b_{\text{odd}}(\theta_l) \right\|^2} & \quad \underline{= \left\| L^H b_{\text{even}}(\theta_l) \pm L^H b_{\text{odd}}(\theta_l) \right\|^2} \\ \cancel{\left\| c1 \pm c2 \right\|^2} & \quad \underline{= \left\| c1 \pm c2 \right\|^2} \end{aligned} \quad \text{Equation 44}$$

Please replace line 3, line 29 with the following:

$$\cancel{c1 = L^H b_{\text{even}}(\theta_l)} \quad \underline{c1 = L^H b_{\text{even}}(\theta_l)} \quad \text{Equation 45}$$

Please replace line 4, page 29 with the following:

$$\cancel{c_2 = L'' b_{odd}(\dot{\theta}_1)}$$

$$\underline{c_2 = L^H b_{odd}(\theta_1)}$$

Equation 46